

Amendments to the Claims

The listing of claims will replace the previous version, and the listing of claims:

Listing of Claims

1. (Currently Amended) A visible light emitting device, comprising ~~characterized in that said visible light emitting device includes~~ at least:

a semiconductor light emitting element configured to emit bluish purple or blue light;

a support member formed with a depression for placing said semiconductor light emitting element therein, said depression ~~having an inclined surface~~ constituted as a visible wavelength light reflective surface;

terminals configured to supply electric power to said semiconductor light emitting element; and

a phosphor configured to absorb a part or the whole of light emitted from said light emitting element, and to emit fluorescence at a wavelength different from that of the absorbed light, the phosphor including X% of a first fluorescent material configured to emit green, yellowish green, or yellow light, and Y% of a second fluorescent material configured to emit yellowish red or red light, at a mixing ratio meeting a condition of $0 \leq X < 100$, $0 < Y \leq 100$, and $0 < X + Y \leq 100$,

wherein said second fluorescent material comprises a CaAlSiN_3 crystal phase including, dissolved therein in a solid state, one ~~kind or two~~ or more ~~kinds of~~ element(s) selected from Mn, Ce, Pr,

Nd, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, and Lu.

2. (Currently Amended) The light emitting device of claim 1, wherein ~~characterized in that~~ said second fluorescent material contains at least Eu.

3. (Currently Amended) The light emitting device to emit arbitrary colors of claim 1, wherein ~~characterized in that~~ said semiconductor light emitting element is a blue light emitting diode having a main emission wavelength of 380nm to 485nm,

~~said first fluorescent material is a phosphor powder having a main emission wavelength of 495nm to 585nm,~~

~~said second fluorescent material is a phosphor powder having a main emission wavelength of 585nm to 780nm, and~~

~~said phosphor powders are mixed, dispersed in a resin, and mounted to cover said blue light emitting diode element.~~

4. (Currently Amended) A lighting apparatus, comprising ~~characterized in that~~ said lighting apparatus includes three or more light source units, each light source unit including at least one light emitting device,

said light emitting device including at least:

a semiconductor light emitting element configured to emit bluish purple or blue light;

a support member formed with a depression for placing said semiconductor light emitting element therein, said depression ~~having an inclined surface~~ constituted as a visible wavelength

light reflective surface;

terminals configured to supply electric power to said semiconductor light emitting element; and

a phosphor configured to absorb a part or the whole of light emitted from said light emitting element, and to emit fluorescence at a wavelength different from that of the absorbed light, the phosphor including at least one of a first fluorescent material configured to emit green, yellowish green, or yellow light, and a second fluorescent material mainly including CaAlSiN_3 crystal phase and configured to emit yellowish red or red light,

wherein each of said light source units or each of said light emitting device has a mixing ratio of said first fluorescent material to said second fluorescent material, which mixing ratio is different from those of the other light source units or other light emitting devices, in a manner that different light emission colors are visible, site by site of said lighting apparatus.

5. (Currently Amended) The lighting apparatus of claim 4, ~~characterized in that the light emitting device of claim 1 is used as said light emitting device~~ wherein the phosphor includes X% of said first fluorescent material, and Y% of said second fluorescent material, at a mixing ratio meeting a condition of $0 \leq X < 100$, $0 < Y \leq 100$, and $0 < X + Y \leq 100$, and

wherein said second fluorescent material comprises said CaAlSiN_3 crystal phase including, dissolved therein in a solid state, one or more kinds of element(s) selected from Mn, Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, and Lu.

6. (Currently Amended) The lighting apparatus of claim 5, wherein ~~characterized in that~~ each light source unit is optically connected with a light guiding member including a scattering element.

7. (Currently Amended) The lighting apparatus of claim 6, wherein ~~characterized in that~~ said scattering element comprises air bubbles, and said light guiding member is a rod-like member made of transparent resin.

8. (New) The light emitting device to emit arbitrary colors of claim 1, wherein said semiconductor light emitting element is a light emitting semiconductor diode element made of InGaN.

9. (New) The light emitting device to emit arbitrary colors of claim 1, wherein said semiconductor light emitting element is a light emitting semiconductor diode element comprising a substrate made of sapphire.

10. (New) The light emitting device to emit arbitrary colors of claim 1, wherein said first fluorescent material is a phosphor having a main emission wavelength of 495nm to 585nm.

11. (New) The light emitting device to emit arbitrary colors of claim 10, wherein said first fluorescent material is a yttrium/aluminum/garnet based phosphor.

12. (New) The light emitting device to emit arbitrary colors of claim 1, wherein said second fluorescent material is a phosphor having a main emission wavelength in a range of "red" by a general chromaticity classification, according to system color names of JIS Z8110.

13. (New) The light emitting device to emit arbitrary colors of claim 1, wherein said phosphors are dispersed in a transparent material.

14. (New) The light emitting device to emit arbitrary colors of claim 1, wherein said transparent material is a epoxy resin, a silicone resin, or a glass.